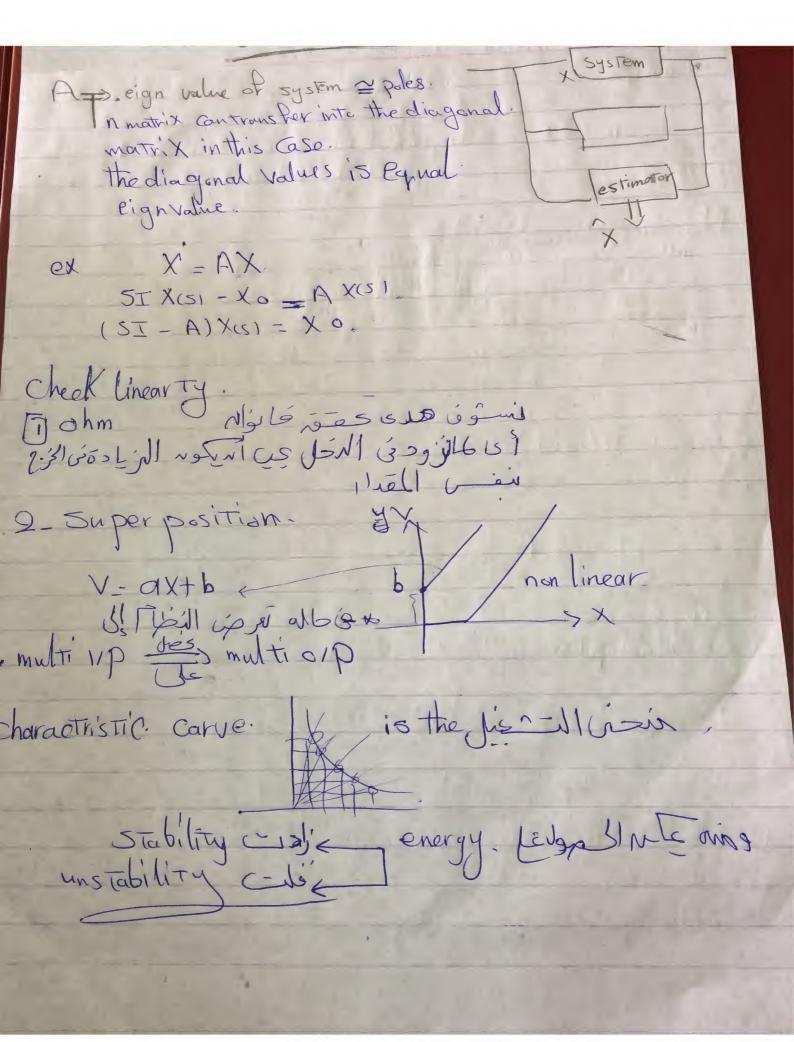
Introduction to simulink lec2 analyising olosedlo-p it still open Loopuntill we start to enhance it at thistime wescup it is closed loop. Physical meaning of stability.

all system are stable

Stability = sit appear when there are outside parameter. effect on the system.

Some use stability to protect the system.

From affecting the this parameters. system sphysical Body, reed to huture predection. Ostimator depression unadeptitself and tell us the receded information) 110 - 5 System. - > 0/P 1-adaj (A) B, CP) 2 3/10/19 "energy (5) Lives
2 estimator L. direct transmission



- Miletter wer har he shallow were to The main objective of any system is to obtain

Cign value gardan Farm.
all the uper 1,30, eign value diagonal atkast I (+) un stable, Loonly stable u critical. - 3-44-44-4-4-8 $\begin{pmatrix} x_1 \\ x_2 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \end{pmatrix} \begin{pmatrix} x_1 \\ x_2 \end{pmatrix}$ X1 = X2 = Const. X2 = 0 all the time = in 121 dx1 = X(2) = X(2) (X=t)

dt = xis) = X(2) (X=t)

Jei U's Win un)'s 1 X · matrix is 1 Lain you Deign value @ eign vector elgovaluethers (il) independancy samps in the letter as Plan I system can be invertable il all parameters, eign va non Zero, of

Controllable or not controllable. Controllable 1/p bis de vies , a/p od lée azin Is the ability of the ijp to change the state of variable. From one point to another in aspecialic time. The wind to the first the second to the seco - Level - Carlo and Carlo and the second Court I Febru Blow Bling Bridge